

What is Claimed is:

1. A method for remotely retrieving a document comprising the steps of:
 - storing said document in a data center;
 - determining a destination device for said document, said destination device having associated identifying information;
 - encrypting said document;
 - sending an associated key to decrypt said encrypted document from said data center to a mobile device;
 - sending said encrypted document from said data center to said destination device based on said identifying information;
 - sending said associated key from said mobile device to said destination device; and
 - decrypting said document using said associated key to retrieve said document at said destination device.
2. The method according to claim 1, further comprising:
 - printing said retrieved document at said destination device.
3. The method according to claim 2, further comprising:
 - sending a confirmation of said printing to at least one of said mobile device and said data center.
4. The method according to claim 1, wherein said storing further comprises storing a plurality of documents in said data center, and said method further comprises:
 - selecting at least one of said plurality of documents for retrieval utilizing said mobile device.

5. The method according to claim 1, wherein said step of sending said encrypted document to said destination device further comprises:

storing said encrypted document in said destination device.

6. The method according to claim 5, wherein if said associated key is not sent to said destination device within a predetermined period of time after receipt of said encrypted document, said method further comprises:

deleting said encrypted document from said destination device.

7. The method according to claim 1, wherein said step of determining further comprises:

establishing a communication between said mobile device and said destination device;

sending said identifying information from said destination device to said mobile device; and

sending said identifying information from said mobile device to said data center.

8. The method according to claim 7, wherein said communication is a wireless communication.

9. The method according to claim 8, wherein said wireless communication is an infrared communication.

10. The method according to claim 8, wherein said wireless communication is a radio frequency communication.

11. The method according to claim 10, wherein said radio frequency communication is established automatically.

12. The method according to claim 1, wherein said step of determining further comprises:

manually inputting said identifying information into said mobile device; and

sending said identifying information from said mobile device to said data center.

13. The method according to claim 1, wherein said step of sending said associated key from said mobile device to said destination device further comprises:

sending said associated key from said mobile device to said destination device via a wireless communication.

14. The method according to claim 13, wherein said wireless communication is an infrared communication.

15. The method according to claim 13, wherein said wireless communication is a radio frequency communication.

16. The method according to claim 15, wherein said radio frequency communication is established automatically.

17. The method according to claim 1, wherein said step of sending said associated key from said mobile device to said destination device further comprises:

manually inputting said associated key to said destination device.

18. The method according to claim 1, wherein said step of encrypting said document further comprises:

providing an associated identifier for said encrypted document, said associated identifier being sent to said mobile device with said key and to said destination device with said encrypted document,

said step of sending said associated key further comprising:

sending said associated identifier along with said associated key from said mobile device to said destination device,

wherein said destination device uses said associated identifier to identify said encrypted document to decrypt using said associated key.

19. The method according to claim 1, wherein said mobile device is a personal data assistant.

20. The method according to claim 1, wherein said mobile device is a cell phone.

21. The method according to claim 1, wherein said mobile device is a pager.

22. The method according to claim 1, wherein said mobile device is a laptop computer.

23. The method according to claim 1, wherein said destination device is a facsimile machine.

24. The method according to claim 23, wherein said associated identifying information includes a telephone number of said facsimile machine.

25. The method according to claim 1, wherein said step of sending said encrypted document further comprises:

sending said encrypted document from said data center to said mobile device; and

sending said encrypted document from said mobile device to said destination device.

26. A method for printing a document using a facsimile machine comprising the steps of:

establishing a wireless communication between a mobile device and said facsimile machine;

sending facsimile machine identifying information from said facsimile machine to said mobile device;

remotely selecting a document for printing from a data center using said mobile device;

sending said facsimile machine identifying information from said mobile device to said data center;

encrypting said selected document;

sending said encrypted document to said facsimile machine based on said facsimile machine identifying information and sending a key to decrypt said encrypted document to said mobile device;

sending said key from said mobile device to said facsimile machine via a wireless communication when said mobile device is physically located near said facsimile machine;

decrypting said encrypted document using said key; and

printing said decrypted document.

27. The method according to claim 26, wherein said facsimile machine identifying information includes a telephone number for said facsimile machine.

28. The method according to claim 26, wherein said step of encrypting said selected document further comprises:

providing an associated identifier for said encrypted document, said associated identifier being sent to said mobile device with said key and to said facsimile machine with said encrypted document,

said step of sending said key further comprising:

sending said associated identifier along with said key from said mobile device to said facsimile machine,

wherein said facsimile machine uses said associated identifier to identify said encrypted document to decrypt using said key.

29. The method according to claim 26, wherein said mobile device is a personal data assistant.

30. A system for remotely retrieving a document at a destination device, said system comprising:

a data center to store said document, said data center encrypting said document before sending said document to said destination device;

a mobile device to communicate wirelessly with said data center to provide information about said destination device; and

a key created by said data center when said document is encrypted, said key being used to decrypt said document, said key being sent from said data center to said mobile device,

wherein said data center sends said encrypted document to said destination device based on said information provided from said mobile device, said mobile device sends said key to said destination device, and said destination device decrypts said document using said key.

31. The system according to claim 30, wherein said mobile device is a personal data assistant.

32. The system according to claim 30, wherein said mobile device is a pager.

33. The system according to claim 30, wherein said mobile device is a cell phone.

34. The system according to claim 30, wherein said mobile device is a laptop computer.

35. The system according to claim 30, wherein said mobile device and said destination device communicate via a wireless communication.

36. The system according to claim 35, wherein said wireless communication is an infrared communication.

37. The system according to claim 37, wherein said wireless communication is a radio frequency communication.

38. The system according to claim 37, wherein said radio frequency communication is established automatically.

39. The system according to claim 35, wherein said wireless communication is a manual communication.

40. The system according to claim 30, wherein said destination device is a facsimile machine.

41. The system according to claim 40, wherein said information about said destination device includes a telephone number of said facsimile machine.

42. The system according to claim 30, further comprising:

a document identifier, said document identifier being sent to said destination device with said encrypted document and to said mobile device with said key,

wherein said mobile device sends said key and said document identifier to said destination device and said destination device uses said document identifier to identify said encrypted document to be decrypted with said key.

43. The system according to claim 30, wherein said destination device prints said decrypted document.

44. The system according to claim 30, wherein said data center sends said encrypted document to said mobile device with key, and said mobile device sends said encrypted document and said key to said destination device.

45. A system for remotely retrieving and printing a document comprising:

a data center to store said document;

a facsimile machine to print said document;

a mobile device to communicate wirelessly with said data center to provide information about said facsimile machine; and

a key created by said data center when said data center encrypts said document, said key being used to decrypt said document, said key being sent from said data center to said mobile device,

wherein said data center sends said encrypted document to said facsimile machine based on said information provided from said mobile device, said mobile device sends said key to said facsimile machine via a wireless communication, and said facsimile machine device decrypts said document using said key and prints said document.

46. The system according to claim 45, wherein said mobile device is a personal data assistant.

47. The system according to claim 45, wherein said mobile device is a pager.

48. The system according to claim 45, wherein said mobile device is a cell phone.

49. The system according to claim 45, wherein said mobile device is a laptop computer.

50. The system according to claim 45, wherein said mobile device and said facsimile machine device communicate via a wireless communication.

51. The system according to claim 50, wherein said wireless communication is an infrared communication.

52. The system according to claim 50, wherein said wireless communication is a radio frequency communication.

53. The system according to claim 52, wherein said radio frequency communication is established automatically.

54. The system according to claim 50, wherein said wireless communication is a manual communication.

55. The system according to claim 45, further comprising:

a document identifier, said document identifier being sent to said facsimile machine with said encrypted document and to said mobile device with said key,

wherein said mobile device sends said key and said document identifier to said facsimile machine and said facsimile machine uses said document identifier to identify said encrypted document to be decrypted with said key.

56. The system according to claim 45, wherein said information about said facsimile machine includes a telephone number of said facsimile machine.

57. The system according to claim 45, wherein said data center sends said encrypted document to said mobile device with key, and said mobile device sends said encrypted document and said key to said facsimile machine.

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